USER MANUAL

SCENE 4/SCENE 8

CAUTION!

Keep this device away from rain and moisture!
Unplug mains lead before opening the housing!

For your own safety, please read this user manual carefully before you initially start-up.
Every person involved with the installation, operation and maintenance of this device has to
- be qualilfied
- follow the instructions of this manual

1 INTRODUCTION

Thank you for having chosen the controller. You will see you acquired a powerful and versatile device. Unpack your item. Before you initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the device.

2 SAFETY INSTRUCTIONS

This device has left our premises in absolutely perfect condition. In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this user manual. This device falls under protection-class III. The device always has to be operated with an appropriate transformer. Always disconnect from the mains, when the device is not in use or before cleaning it. Keep away children and amateurs from the device! There are no serviceable parts inside the device. Maintenance and service operations are only to be carried
out by authorized dealers.

3 OPERATING DETERMINATIONS

This device is a DMX-controller for controlling DMX-effects or spots in discotheques, on stages etc. This product is allowed to be operated with a direct voltage of DC 9-15 V,100 mA and was designed for indoor use only. Do not shake the device. Avoid brute force when installing or operating the device. When choosing the installation-spot, please make sure that the device is not exposed to extreme heat,moisture or dust. There should not be any cables lying around. You endanger your own and the safety of others! This device must never be operated or stockpiled in sourroundings where splash water, rain, moisture or fog may harm the device. Moisture or very high humidity can reduce the insulation and lead to mortal electrical shocks. When using smoke machines, make sure that the device is never exposed to the direct smoke jet and is installed in a distance of 0.5 meters between smoke machine and device. Do not permit operation by persons not qualified for operating the device. Please use the original packaging if the device is to be transported.

4 FEATURES

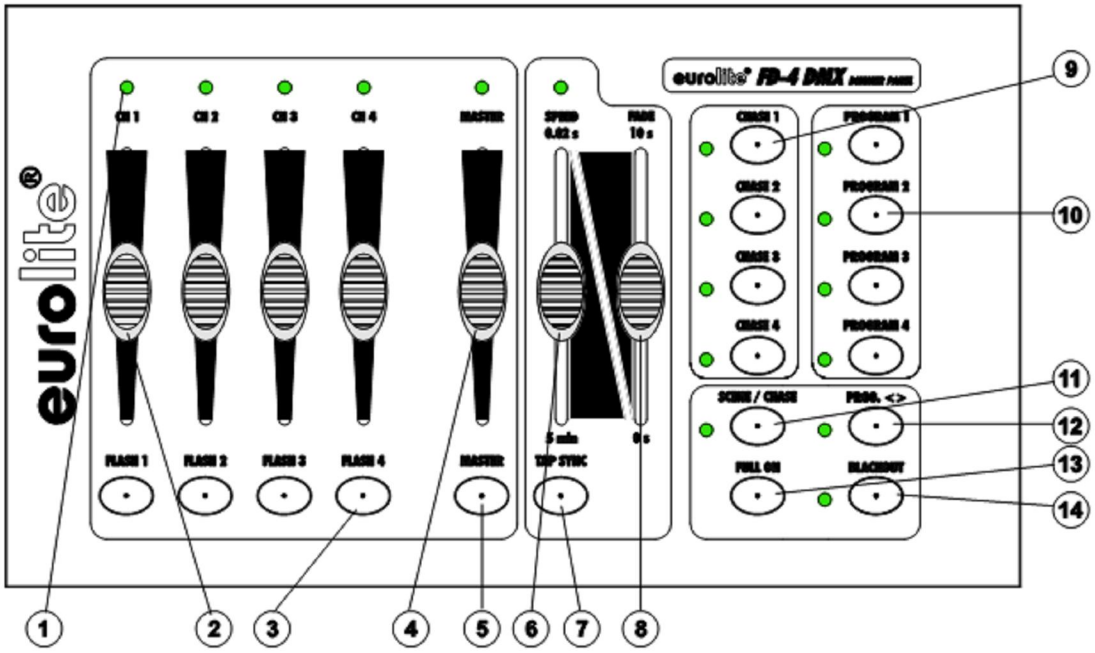
Features

Comfortable DMX-controller

DMX lighting controller 4/8/12 channels

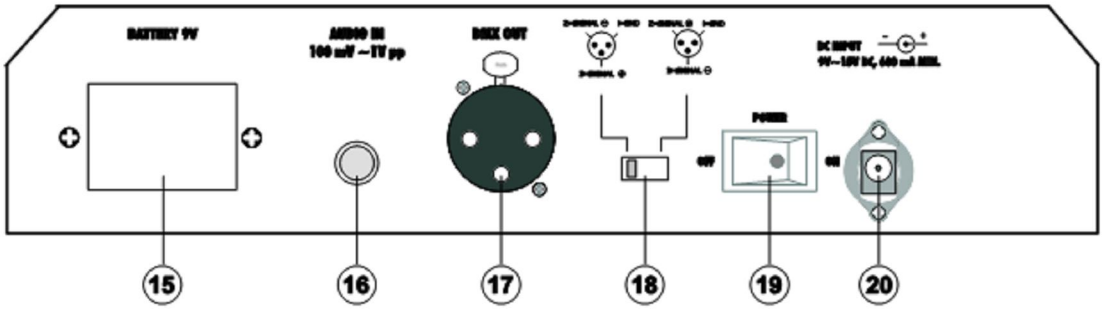
- 4/8/12 channel-faders with LED
- Fade Time fader with LED for adjusting the step time
- Master-fader with LED for adjusting the total output level
- Speed-fader for adjusting the program-speed
- Flash-button per channel and master-flash
- LED-display of all modes
- 4 freely programmable programs with up to 84 steps each
- Controller comes with 4 pre-programmed chasers
- The programs and chasers can be called up individually or combined (CH1-2-3-4-PR-1-2-3-4)
- Dimmer: Manual control of the channels via sliders
- Full On: all channels can be switched on together
- Blackout-function
- Program speed adjustable via speed-fader or Tap Sync-button
- Sound-control via external signal or integrated microphone
- Sound to light via jack
- Power supply via included power unit or 9 V battery included in the delivery

Interface descriptions:



1) CHANNEL-LEDs
2) CHANNEL FADERS
   These faders will adjust the output of the channels from 0 to 100% or 0 to 255.
3) FLASH-BUTTONS
   Press to activate maximum channel output.
4) MASTERFADER
   For adjusting the general output.
5) MASTER FLASH-BUTTON
   Press to activate maximum channel output.
6) SPEED-FADER
   To adjust chaser or program speed.
7) TAP SYNC-BUTTON
   In AUTO CHASE, press it twice to define chasing speed.
8) FADE TIME-FADER
   Move to adjust fade time.
9) CHASER-BUTTONS
10) PROGRAM-BUTTONS
11) AUDIO-BUTTON
   Press it to get into audio control.
12) PROGRAM / <> BUTTON
   This button will reverse the program/chaser direction.
13) FULL ON-BUTTON
   When activated ,whole channel output will be maximum and disable BLACK OUT.
14) BLACKOUT-BUTTON
   This button will force all DMX to "0".

Rear panel descriptions:



15) Battery compartment
16) Audio input socket
17) DMX output socket
18) DMX POLARITY selector
19) Power switch
20) Power supply socket

5. SETUP

5.1 Installation

Install the device at a vibration-free, oscilation-free and fire-resistant location.

Connect the connection cable of the power-unit with the DC IN-socket. Plug the power unit into your outlet.

5.2 Sound-control

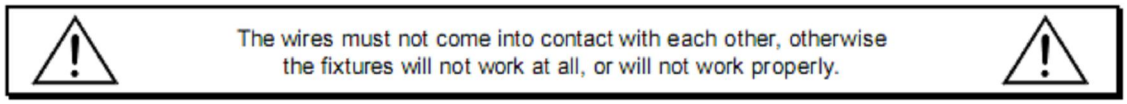
The sound-control works via the built-in microphone or via the sound input socket.

Connect the sound-signal from the mixer (e.g. Master 2) with the Jack-socket on the rear panel (input sensitivity 0.1 V - 1 V).

Please note: The controller comes without pre-programmed programs. These must first be programmed by the user. You can select one of the 4 chaser in order to test the sound-control.

5.3 Connection with the dimmerpacks

DMX-512:


The wires must not come into contact with each other, otherwise
the fixtures will not work at all, or will not work properly.

Only use a stereo shielded cable and 3-pin XLR-plugs and connectors in order to connect the controller with the fixture or one fixture with another.

Building a serial DMX-chain:
Connect the DMX-output of the item
with the DMX-input of the nearest dimmerpack. Always connect
one output with the input of the next fixture until all fixtures are connected.

Caution: At the last fixture, the DMX-cable has to be terminated with a terminator. Solder a 120 Ω resistor between Signal (–) and Signal (+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.

6. OPERATION

Install the device on a plane surface.

Operation via the included power-unit

Connect the connection cable of the power-unit with the DC IN-socket. Plug the power unit into your outlet.

Inserting/Replacing the battery

Please refer to the explanations under Operating Determinations.

Open the battery cover on the bottom and remove it.

If replacing the battery, remove the old battery from the battery compartment.

Caution!
Danger of explosion when battery is replaced improperly.
Only replace by the same type or similar types recommended by the manufacturer.
Remove empty battery in accordance with the instructions of the manufacturer.

Insert the battery and make sure that the poles are correct.

Replace the battery cover and close it.

In order to have a long battery life, you should only use alcaline batteries.

With the POWER-switch, you can switch the device on and off.

BATTERY DISPOSAL NOTICE
Please dispose of old and used batteries properly.
Batteries are hazardous waste and should not be disposed of with regular domestic waste!
Please take old and used batteries to a collection center near you.

6.1 Hold-Dimmer Mode

Call spots manually:
In the Hold Dimmer Mode, the connected spots can be called manually and be controlled via the channel faders.

Adjust the desired function via the channel faders.

1. Turn controller ON
2. Adjust channel faders.
3. Adjust master fader for total output.

This function is useful for theatres and booth illumination.

6.2 Chaser-Sound Mode

Spots run sound-controlled through chasers: In this mode, all 4 chasers of the item can be run sound-controlled.

You can manually adjust the individual channels via the channel faders, the Masterfader and via the flash-buttons.

1. Turn controller ON
2. Select the desired chaser(s) by pressing the respective Chaser-button(s).
3. Adjust Masterfader for total output.
4. Press the Audio-button so that the spots react to the sound signal.

You can invert the chaser selection by pressing the Prog. <>-button.

This function is designed for entertainers and party rooms.

6.3 Prog-Sound Mode

Spots run sound-controlled through internal programs:

In this mode, all 4 freely programmable programs of the item can be run sound-controlled.

You can manually adjust the individual channels via the channel faders, the Masterfader and via the flash-buttons.

1. Turn controller ON
2. Select the desired program(s) by pressing the respective Program-button(s).
3. Adjust Masterfader for total output.
4. Press the Audio-button so that the spots react to the sound signal.

You can invert the program selection by pressing the Prog. <>-button.

This function is designed for discotheques.

6.4 Prog-Speed Mode

Spots run speed-controlled through internal programs:

In this mode, all 4 freely programmable programs of the item can be run speed-controlled.

You can manually adjust the individual channels via the channel faders, the Masterfader and via the flash-buttons.

1. Turn controller ON
2. Select the desired program(s) by pressing the respective Program-button(s).
3. Adjust Masterfader for total output.
4. Adjust Speed-Fader until the spots react in the desired speed.

You can invert the program selection by pressing the Prog. <>-button.

This function is designed for bands etc.

6.5 Memorize a program

With the item you can memorize 4 different programs with up to 84 steps each.

Press and hold the Prog. <>-button and select the desired program number via the Program-button. The Prog. <>-LED is lit and the Program-LED flashes.
Press the Prog. <>-button again and the Prog. <>-LED is off.

Push the Master-fader to maximum.
Push channel-faders to the desired setting.
Press the Program-button in order to memorize the first step. The LEDs flash 3 times.
Repeat the steps mentioned above until you have memorized all steps.
Press and hold the Prog. <>-button and the current Program-button in order to memorize the chaser.

If the program is full, you must first delete the program.

6.6 Adjust Fade Time

Push the Fade Time-Fader to the desired level.

6.7 Call up several chasers continuously

The programs and chasers can be called up individually or combined.

Press all Chaser-buttons and Program-buttons so that their LEDs are lit.
Adjust Masterfader for total output.
Adjust Speed-Fader until the spots react in the desired speed.

The running order is CH1-2-3-4-PR-1-2-3-4. Empty programs will be ommitted.

6.8 Invert the chaser-direction

Press the Prog. <>-button. The Prog. <>-LED is lit. The chaser-direction is inverted.

6.9 Sound-control

If the chaser is to be run sound-controlled, press the Audio-button (LED is lit).
If the chaser is to be run exactly in the bass-beat, pull Speed-fader to minimum and enter the bass-beats by pressing the Tap Sync-button repeatedly.

6.10 Delete a program

Press and hold the Prog. <>-button and select the desired program number via the Program-button. The Prog. <>-LED is lit and the Program-LED flashes.
Press and hold the Tap Sync-button and the current Program-button in order to delete the program. The LEDs flash 5 times.
Press and hold the Prog. <>-button and the current Program-button in order to leave this mode.

6.11 Set all channels to maximum

Press the Full On-button and all channels will be set to their maximum value. As soon as you release the button, the channels return to their original setting.

6.12 Blackout-Mode

Press the Blackout-button and all devices will be set to Blackout-mode.

7. PROBLEM CHART

PROBLEM	CAUSE	REMEDY
No power.	The power unit is not connected.	Check the connection cable of the power unit and any extension-cables.
No signal output.	Blackout-mode activated.	Switch off blackout by pressing the Blackout-button.
Cannot program a program.	The Prog. <>-LED is still lit.	Press the Prog. <>-button again and the Prog. <>-LED is off.
Cannot program a program.	The program is full.	Press and hold the Tap Sync-button and the current Program-button in order to delete the program.

8 CLEANING AND MAINTENANCE

Disconnect from mains before starting maintenance operation!

DANGER TO LIFE!

We recommend a frequent cleaning of the device. Please use a soft lint-free and moistened cloth. Never use alcohol or solvents! There are no serviceable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

9 TECHNICAL SPECIFICATIONS

Power supply: 220 V AC, 50 Hz ~
via 9-15V DC, 300 mA power unit included in the delivery
Power consumption:1 W
Number of control-channels: 4/8
4 integrated chasers/8
Free programs: 4*84 scenes
Sound-control: via built-in microphone or audio input
Dimensions (LxWxH): 255*147*70mm
Weight:1.5 kg

Please note: every information is subject to change without prior notice.